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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/686,997	10/16/2003	Hyesook Kim	3087.00012	7448
<div><div>7590</div><div>06/04/2007</div><div>Amy E. Rinaldo Kohn & Associates, PLLC Suite 410 30500 Northwestern Highway Farmington Hills, MI 48334</div></div>				
			EXAMINER	
			HOGE, GARY CHAPMAN	
			ART UNIT	PAPER NUMBER
			3611	
			MAIL DATE	DELIVERY MODE
			06/04/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/686,997	Applicant(s) KIM, HYESOOK	
	Examiner Gary C. Hoge	Art Unit 3611	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 May 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3 and 5-20 is/are pending in the application.
 4a) Of the above claim(s) 9 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5-8 and 10-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on February 20, 2007 has been entered.

Election/Restrictions

2. Claim 9 is withdrawn from further consideration pursuant to 37 CFR 1.142(b), as being drawn to a nonelected invention, there being no allowable generic or linking claim. Applicant timely traversed the restriction (election) requirement in the replies filed on March 14, 2005 and July 6, 2005.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-3, 5-8, 10, 14-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Glover (2002/0116845) in view of Beavers et al. (5,842,179) and Jacobsen (3,628,260).

Glover discloses a marked grid including specific locations **16** and a spreadsheet **22** including designations relating to the locations on the marked grid, such that each of the designations includes details regarding items located in each of the locations. However, the

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locations on the grid are identified by number, rather than by row and column. Beavers teaches that it was known in the art to identify locations in a grid by row and column (see Fig. 6). It would have been obvious to one having ordinary skill in the art at the time the invention was made to identify the locations on the grid (and on the corresponding spreadsheet) disclosed by Glover by row and column, as taught by Beavers, in order to avoid ambiguity about where the sequence of numbers identifying the locations begins. Further, the spreadsheet disclosed by Glover does not include a geometric grid that corresponds to the rows and columns. Jacobsen teaches that it was known in the art to provide a spreadsheet that physically corresponds to the grid it represents. It would have been obvious to one having ordinary skill in the art at the time the invention was made to make the spreadsheet disclosed by Glover, as modified, physically correspond to the rows and columns of the marked grid, as taught by Jacobsen, in order to make it easier to find in the marked grid the items in the spreadsheet.

Regarding claims 2 and 3, see paragraph 0016 of Glover.

Regarding claims 5 and 18, see paragraph 0018 of Glover.

Regarding claim 6, see Fig. 6 of Beavers.

Regarding claim 10, storage container **12** fits the dictionary definition of a “rack.”

4. Claims 11-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Glover (2002/0116845) in view of Beavers et al. (5,842,179) and Jacobsen (3,628,260), as applied to claim 1, above, and further in view of MacWilliams et al. (6,352,286).

Glover discloses the invention substantially as claimed, as set forth above. However, the indicia on the grid and the spreadsheet does not include a barcode. MacWilliams teaches that it was known in the art to include a barcode along with other identifying indicia, in order to make

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the indicia machine-readable. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide a barcode along with the other indicia disclosed by Glover, as taught by MacWilliams, in order to make the indicia machine-readable.

Response to Amendment

5. The declaration under 37 CFR 1.132 filed February 20, 2007 is insufficient to overcome the rejection of claims based upon Glover (2002/0116845), Beavers et al. (5,842,179) and Jacobsen (3,628,260) as set forth in the last Office action because: Jacobsen teaches a spreadsheet that corresponds geometrically to the location of items represented on the spreadsheet.

Response to Arguments

6. Applicant's arguments filed February 20, 2007 have been fully considered but they are not persuasive.

Applicant alleges that Jacobson does not teach the claim limitations because there is "no order to columns Y,BP,R, and G. They are not a geometric designation, unlike the series 1,2,3... or A,B,C, etc." But this argument ignores the fact that Jacobson is used in a rejection under 35 U.S.C. § 103 in combination with other references. Specifically, Applicant's attention is drawn to Fig. 6 of Beavers et al. (5,842,179), which discloses a grid in which the rows and columns are labeled in a linear progression. Jacobson is cited merely for the teaching that it was known in the art to provide a spreadsheet, the rows and columns of which correspond geometrically to the rows and columns of a physical grid, in order to assist in locating items on that grid. Another well-known example of such a spreadsheet and grid combination is a Whitman's Sampler box.

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Further, Applicant argues that it would not be obvious to combine the references “because there is no suggestion to perform one of the advantages of the present invention.” But the test for obviousness is whether the references (or the knowledge generally available to a person of ordinary skill in the art) suggest making the combination, not whether they also suggest achieving all of the advantages as the present invention.

Conclusion

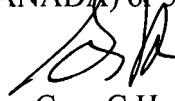
7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gary C. Hoge whose telephone number is (571) 272-6645. The examiner can normally be reached on 5-4-9.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Lesley Morris can be reached on (571) 272-6651. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

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like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Gary C Hoge
Primary Examiner
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gch